

CLAIMS

What is claimed is:

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1. A method of fabricating an active matrix display comprising:
forming a silicon layer over an insulating layer and a supporting
substrate;
forming an array of transistors with the silicon layer to form an active
matrix circuit on the supporting substrate;
forming an array of pixel electrodes with a polycrystalline silicon
material; and
transferring the array of transistors and the array of pixel electrodes to a
second substrate.

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2. The method of Claim 1 further comprising forming interconnects between the
transistors and the pixel electrodes.
3. The method of Claim 1 further comprising positioning a light shield between the
transistors and the second substrate.
4. The method of Claim 1 wherein the second substrate comprises an optically-
transmissive substrate.

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5. The method of Claim 4 further comprising positioning a material between the
array of pixel electrodes and a counterelectrode, such that selective actuation of
a pixel electrode produces an electric field across a portion of the material
disposed between the pixel electrode and the counterelectrode, thereby producing
a change in a light transmission property of the material.

6. The method of Claim 5, wherein the material positioned between the array of pixel electrodes and the counterelectrode comprises a liquid crystal material.